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Atty Docket No. 112857-315	Ap,cation No. 10/062,776		
Applicant Yoshiyuki Yanagisawa et al.			
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	U.S. PATENT DOCUMENTS							
Examiner's Initials	10	Document Plumber	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate	
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	N. C.	MADRIAN						
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	FOREIGN PATENT DOCUMENTS								
Examiner's	Document	Publication				Trans	Translation		
Initials	Number	Date	Country	Class	Subclass	Yes	No		
421	05-013659	01/22/1993	Japan			x			
7	07-321469	12/08/1995	Japan			x			
	10-223833	08/21/1998	Japan			x			
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FOREIGN PATENT DOCUMENTS								
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